

JOHANSSON et al  
Serial No. 09/998,934

Atty Dkt: 2380-569  
Art Unit: 2683

### **REMARKS/ARGUMENTS**

Reexamination of the captioned application is respectfully requested.

#### **A. SUMMARY OF THIS AMENDMENT**

By the current amendment, Applicants basically:

1. Editorially amend the Abstract.
2. Amend claims 1 and 6.
3. Respectfully traverse all prior art rejections.

#### **B. TRAVERSAL OF OBJECTIONS TO CLAIMS 1 AND 6**

Applicants traverse the objections to claims 1 and 6. Both claims 1 and 6 as originally present are in a conventional format and do indeed have (at least two) positive steps recited. Both claims involve a method and set forth steps in the method. While disagreeing with the nature of the objection, Applicants hope that the unnecessary editorial amendment to claims 1 and 6 moot the objection. If not, Applicants specifically request that the Examiner explain more fully the grounds of the rejection as Applicants frankly fail to ascertain any reasonable ground.

#### **C. PATENTABILITY OF THE CLAIMS**

Claims 1-12 and 17-23 stand rejected under 35 USC §102(e) as being anticipated by U.S. Patent 6,542,743 to Soliman. Claims 13-16 stand rejected under 35 USC §103(a) as being unpatentable over U.S. Patent 6,542,743 to Soliman. All prior art rejections are respectfully traversed.

All independent claims specify that a start position for a synchronization search window at the destination base station is established, either relative to a (perceived geographical) location of the mobile station or relative to a distance of the mobile station from the destination station. Note the amendments to independent claims 1 and 6, which

JOHANSSON et al  
Serial No. 09/998,934

Atty Dkt: 2380-569  
Art Unit: 2683

are amply supported by the original disclosure including but not limited to other original claims.

U.S. Patent 6,542,743 to Soliman does not describe or even hint that the location of a mobile station, or distance between a mobile station and a base station, are communicated to a destination base station involved in a handover process. The entire thrust of Soliman is determining a search window size of the mobile station (which is searching for all pilot signals associated with a pilot set). See, for example, col. 5, lines 26 – 30; col. 6, lines 2 – 8, the paragraph bridging cols. 6 and 7; the paragraph bridging cols. 7 and 8.

The office action concludes that, in view of the full duplex connection of the RNC with a destination base station, the claimed start time position would be communicated to the destination base station. Applicants disagree. Soliman does pay any attention to the search window at the destination, and there is no statement or even suggestion that information communicated to the destination search window pertain to the search window.

The office action further draws the conclusion that “synchronizer searcher ‘functionality’ ...can be located at one or more cellular components, e.g., place at all BTS’s for distributed design...”. The examiner’s conclusion in this regard appears to be an extrapolation unsupported by the applied reference. The Examiner is requested to specify precisely where support for such conclusion resides.

Moreover, Applicants stress that all independent claims concern the start position for a synchronization search window at the destination base station. Soliman does not concern start position of a search window, but rather size of the search window. As explained, e.g., beginning on page 13, line 17 of Applicants’ specification, the start point

JOHANSSON et al  
Serial No. 09/998,934

Atty Dkt: 2380-569  
Art Unit: 2683

SP pertains to the center of the search window, i.e., a specific start point within the search window, not the search window size itself. U.S. Patent 6,542,743 to Soliman has no teaching or suggestion with respect to search window start point.

#### D. MISCELLANEOUS

In view of the foregoing and other considerations, all claims are deemed in condition for allowance. A formal indication of allowability is earnestly solicited.

The Commissioner is authorized to charge the undersigned's deposit account #14-1140 in whatever amount is necessary for entry of these papers and the continued pendency of the captioned application.

Should the Examiner feel that an interview with the undersigned would facilitate allowance of this application, the Examiner is encouraged to contact the undersigned.

Respectfully submitted,

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